

07-15-05

#ITW

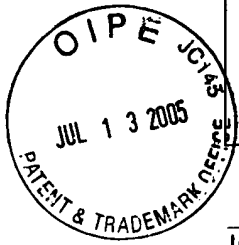
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV654386717US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 13, 2005

Signature:

Michelle Chicos
(Michelle Chicos)

Docket No.: 58288 (72021)
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Taeyoung Yoon et al.

Application No.: 10/645,312

Confirmation No.: 7622

Filed: August 20, 2003

Art Unit: 1624

For: 5-SUBSTITUTED-2-ARYLPYRAZINES

Examiner: Z. C. Tucker

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached. Enclosed are the filing receipts and specification of original claims of U.S. Serial No. 09/788,315 and U.S. Serial No. 11/107,148 (which is a divisional of the '315 application). A single copy of the specification and claims are enclosed to prevent duplicative scanning.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1105 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 58288(72021). A duplicate copy of this paper is enclosed.

Dated: July 13, 2005

Respectfully submitted,

By 

John B. Alexander, Ph.D.

Registration No.: 48,399

EDWARDS & ANGELL, LLP

P.O. Box 55874

Boston, Massachusetts 02205

(617) 439-4444

Attorneys/Agents For Applicant



Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 1 of 1				Complete if Known	
				Application Number	10/645,312-Conf. #7622
				Filing Date	August 20, 2003
				First Named Inventor	Taeyoung Yoon
				Art Unit	1624
				Examiner Name	Z. C. Tucker
				Attorney Docket Number	58288(72021)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	09/788,315	2/16/01	T. Yoon et al.	
	AB	11/107,148	04/15/05	T. Yoon et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO-99/38829	01/1998			✓
	BB	WO-98/11075	03/1998			
	BC	WO-95/10506	04/1995			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	CAS Printout of Hamazaki et al., Chem. Abs. 100:5477, (1984).	
	CB	CAS Printout of Hori et al., Chem. Abs. 80:890, (1974).	
	CC	CAS Printout of Inoue et al., Chem. Abs.93:114448, (1980).	
	CD	CAS Printout of McCapra et al., Chem. Abs. 79:125387, (1973).	
	CE	CAS Printout of Miesel et al., Chem. Abs. 96:35307, (1982).	
	CF	CAS Printout of Rees et al. (WO 98/43641).	
	CG	CAS Printout of Teranishi et al. (JP 10077286) (1998).	
	CH	CAS Printout of Teranishi et al. (JP 1998-184331).	
	CI	CAS Printout of Teranishi et al., Chem. Abs. 114:101506, (1991).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--



Application No. (if known): 10/645,312

Attorney Docket No.: 58288 (72021)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV654386717US in an envelope addressed to:

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on July 13, 2005
Date

Michelle Chicos

Signature

Michelle Chicos

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (14 References) (1 page)
Information Disclosure Statement
Charge \$180.00 to deposit account 04-1105